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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

First Named Inventor Susumu HIZUKURI

COMPLETE IF KNOWN

Application Number /

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESS FOR THE MANUFACTURE OF L-ARABINOSE BY ACIDIC HYDROLYSIS

the specification of which

(Title of the Invention)

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	YES	NO
137485/98	Japan	05/01/1998	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number Registered practitioner(s) name/registration number listed below Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: Customer Number or Bar Code Label OR Correspondence address below

Name			
Address			
Address			
City	State	ZIP	
Country	Telephone	Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: A petition has been filed for this unsigned inventor

Given Name (first and middle if any)		Family Name or Surname				
Susumu		HIZUKURI				
Inventor's Signature	<i>Susumu Hizukuri</i>			Date 10/11/00		
Residence: City	Kagoshima-shi	State	Kagoshima	Country Japan		
Post Office Address	JPX 28-6, Tamazato Danchi 2-chome,					
Post Office Address						
City	Kagoshima-shi	State	Kagoshima	ZIP	Country	Japan

Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])		Family Name or Surname				
<u>Jun'ichi</u>		<u>ABE</u>				
Inventor's Signature	<u>Jun'ichi ABE</u>					Date
Residence: City	Kagoshima-shi	State	Kagoshima	Country	Japan <u>JPX</u>	Citizenship
Post Office Address	24-22, Kinkodai 1-chome,					
Post Office Address						
City	Kagoshima-shi	State	Kagoshima	ZIP	Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])		Family Name or Surname				
<u>Shigemitsu</u>		<u>OHSAKI</u>				
Inventor's Signature	<u>Shigemitsu Ohsaki</u>					Date
Residence: City	Kashihara-shi	State	Nara	Country	Japan <u>JPX</u>	Citizenship
Post Office Address	1140-36, Tooichi-cho,					
Post Office Address						
City	Kashihara-shi	State	Nara	ZIP	Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])		Family Name or Surname				
<u>Shuichi</u>		<u>SUETAKE</u>				
Inventor's Signature	<u>Suetake Shuichi</u>					Date
Residence: City	Kitakatsuragi-gun	State	Nara	Country	Japan <u>JPX</u>	Citizenship
Post Office Address	2-15, Umamikita 3-chome, Koryo-cho,					
Post Office Address						
City	Kitakatsuragi-gun	State	Nara	ZIP	Country	Japan

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PTO/SB/02A (3-97)

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 2 of 2

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Kiyoshi

SHIBANUMA

Inventor's
Signature

Kiyoshi Shibanuma

Date

10/11/00

Residence: City

Kashihara-shi

State

Nara

Country

Japan



Citizenship

Japan

Post Office Address

594, Unate-cho,

Post Office Address

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State

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ZIP

Country

Japan

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's
Signature

Date

Residence: City

State

Country

Citizenship

Post Office Address

Post Office Address

City

State

ZIP

Country

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's
Signature

Date

Residence: City

State

Country

Citizenship

Post Office Address

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Susumu HIZUKURI, Jun'ichi ABE,

Shigemitsu OHSAKI, Shuichi SUETAKE and Kiyoshi SHIBANUMA

For: PROCESS FOR THE MANUFACTURE OF L-ARABINOSE BY ACIDIC HYDROLYSIS

Filed concurrently herewith.

Serial Number to be assigned.

Commissioner for Patents
Washington, DC 20231

POWER OF ATTORNEY

Sir:

The undersigned, assignee of the entire interest in and to the above-identified application for U.S. Letters Patent, by an assignment document being recorded contemporaneously herewith, hereby appoints the firm of Rhodes & Mason, P.L.L.C., comprising C. Robert Rhodes, Reg. No. 24,200, Edward W. Rilee, Reg. No. 31,869, Howard A. MacCord, Jr., Reg. No. 28,639, Jack B. Hicks, Reg. No. 34,180, James L. Lester, Reg. No. 38,721, William J. Mason, Reg. No. 22,948, Gilbert J. Andia, Jr., Reg. No. 38,815, Jeffrey R. McFadden, Reg. No. P-46,916, Benjamin S. Withrow, Reg. No. 40,876, Amy H. Fix, Reg. No. 42,616, Stanislav Antolin, Reg. No. 34,979, and Lewis S. Rowell, Reg. No. 45,469, as my attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Furthermore, in accordance with 37 CFR §3.73(b), the undersigned hereby states that the documentary evidence of a chain of title from the original owner to the assignee, i.e. assignment document referenced above, has been reviewed and the undersigned certifies that, to the best of assignee's knowledge and belief, title is in assignee who seeks to prosecute this application.

PLEASE ADDRESS ALL COMMUNICATIONS AND TELEPHONE CALLS
TO: RHODES & MASON, P.L.L.C., P. O. BOX 2974, GREENSBORO, NORTH
CAROLINA 27402, (336) 273-4422.

Sanwa Kosan Kabushiki Kaisha

BY: Seiichi Morimoto
Seiichi Morimoto
Representative Director

Date: October 11, 2000

File No.: 4629-007